

CLAIMS

WHAT IS CLAIMED IS:

1. A method for facilitating information exchange between a telecommunications network and an information service provider, comprising the steps of:

receiving real-time information from said telecommunications network at a Business-to-Business (B2B) engine, wherein said B2B Engine is interconnected to said telecommunications network and said information service provider;

processing, within said B2B engine, the received realtime information; and

providing, by said B2B engine, said realtime information to said information service provider.

1 2. The method according to Claim 1, wherein said realtime information is
2 associated with a mobile station and at least one fixed station, further comprising the
3 steps of:

4 receiving an information request from said mobile, wherein said request relates
5 to said at least one fixed station;

6 correlating the location of said at least one fixed station with the current location
7 of said mobile station;

8 station utilizing the current location of said mobile station to calculate an
9 estimated time of arrival (ETA) of said mobile station at the location of said at least one
10 fixed station; and

11 communicating said ETA to said at least one fixed station.

12 3. The method of Claim 2, wherein said information request includes a query for
13 information related to said at least one fixed station near said mobile station's current
14 location wherein said at least one fixed station is a restaurant and said query further
15 includes a request for a reservation.

1 4. The method of Claim 1, further comprising the steps of:
2 retrieving information, including said at least one fixed station location, wait-time
3 for each retrieved fixed station information and a temporary reservation for said
4 subscriber;
5 transmitting said information concerning said location, said wait-times and said
6 temporary reservations to said mobile station; and
7 receiving a confirmation from said mobile station of one of said temporary
8 reservations.

1 5. The method of Claim 4, further comprising the step of converting said temporary
2 reservation to a confirmed reservation.

1 6. The method of Claim 2, wherein the step of calculating said mobile station's ETA,
2 further comprises the steps of:

3 marking the time of said confirmation entry;
4 sending an initial ETA corresponding to said confirmation entry to a reservation
5 application associated with said fixed station; and
6 periodically calculating said mobile station ETA until arrival of said mobile station
7 at said fixed station.

1 7. The method of Claim 6, further comprising the steps of:
2 receiving a request from one of said mobile station and said reservation
3 application for automatically requesting said periodic updates of the ETA of said mobile
4 station; and
5 utilizing said updates to modify said reservation in said reservation application.

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1 13. A Business-to-Business (B2B) engine for facilitating information interexchange
2 between a telecommunications network and an information service provider, said B2B
3 engine comprising:

4 a first interface module for transceiving information with said telecommunications
5 network;

6 a second interface module for transceiving information with said information
7 service provider;

8 a processor connected to said first and said second interface modules; and

9 at least one application module interconnected to said processor.

10 14. The B2B engine of Claim 13, wherein said at least one application module
11 interconnected to said processor is a restaurant module and further comprises:

12 a data collection module for receiving realtime information from said
13 telecommunications network at said B2B engine;

14 an operations module for processing the received realtime information; and

15 said second interface is capable of providing said realtime information to said
16 information service provider.

1 15. The B2B engine of Claim 13, wherein said realtime information is associated with
2 a mobile station and at least one fixed station, further comprises:

3 transceiver means for receiving an information request from said mobile station,
4 wherein said request relates to said at least one fixed station;

5 correlating means for correlating the location of said at least one fixed station
6 with the current location of said mobile station;

7 logic for station utilizing the current location of said mobile station to calculate an
8 estimated time of arrival (ETA) of said mobile station at the location of said at least one
9 fixed station; and

10 said transceiver means for communicating said ETA to said at least one fixed
11 station.

12 16. The B2B engine of Claim 15, wherein said transceiver means communicates said
13 information request to said fixed station, said request including:

14 a query for information related to said at least one fixed station near said mobile
15 station's current location wherein said at least one fixed station is a restaurant; and

16 a request for a reservation.

1 17. The B2B engine of Claim 16, further comprising:
2 said transceiver interface module for retrieving information related to said
3 restaurant including said restaurant location, reservation information
4 including wait-time and a temporary reservation for said subscriber;
5 said transceiver interface module also capable of transmitting said information to
6 said mobile station; and
7 receiving means for receiving a confirmation of said temporary reservation from
8 said mobile station.

9 18. The B2B engine of Claim 17, further comprising:
10 logic means for converting said temporary reservation to a confirmed reservation.

1 19. The B2B Engine of Claim 18, further comprising:
2 logic means for marking the time of said confirmation;
3 said transceiver means for sending an initial ETA corresponding to said
4 confirmation entry to a reservation application at said fixed station; and
5 logic means for said restaurant module to periodically calculate and send said
6 mobile station ETA to said reservation application until arrival of said mobile station at
7 said at least one fixed station.

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11 20. The B2B engine of Claim 19, further comprising:
12 receiver means for receiving a message from one of said mobile station and said
13 reservation application for automatically requesting said periodic updates of the ETA of
14 said mobile station; and
15 logic means for utilizing said updates to modify said reservation in said
16 reservation application.

1 21. The B2B engine of Claim 20, further comprising:
2 means for notifying said mobile station of any changes in the status of said
3 reservation.

1 22. The B2B engine of Claim 14, wherein said restaurant module, interconnected to
2 said B2B engine, is capable of accessing a profile of said mobile to transmit specified
3 information from said profile to said fixed station for reservation confirmation and for
4 billing information.

1 23. The B2B engine of Claim 14, wherein said fixed station is a medical facility.

1 24. The B2B engine of Claim 14, wherein said fixed station is a repair facility.

1 25. The B2B engine of Claim 13, wherein said B2B Engine is interconnected to said
2 information services provider, the Internet and said telecommunications network
3 wherein said telecommunications network comprises a wireless network and a wireline
4 network.